# **How to Organize your Teaching:**

Improving Students' Memory and Understanding



The equation

really worked!



### **Examples With Practice**

Alternate worked examples with practice to develop students' problem-solving strategies.



Oh, I see what

I did wrong the

first time!

## **Higher-Order Questions**

Ask questions to encourage student explanations and to foster a deeper understanding of concepts.



#### **Abstract-Concrete** Connections

Help students understand abstract concepts and transfer their understanding to new contexts.



MAL

NON

FEB







You figured out the speed of your car!

r = d/t



### **Spacing Learning Over Time**

Use strategic review and guizzes to promote long-term retention of material.







YAM



Why?

How do you know? What's your evidence?

> I agree because...





DOING WHAT WORKS

U.S. Department of Education